

Date: Friday, 02/05/2008 2:56:42 PM
 User: Julie Lecocq

Process Sheet

Customer :	CU-DAR001 Dart Helicopters Services	Drawing Name :	WEARPLATE
Job Number :	39020		
Estimate Number :	12467		
P.O. Number :		Part Number :	D35121
This Issue :	02/05/2008	S.O. No. :	
Prsht Rev. :	NC	Drawing Number :	D3512 REV C
First Issue :	11	Project Number :	N/A
Previous Run :	37618	Drawing Revision :	C
Written By :		Material :	
Checked & Approved By :	JLD 08.5.02	Due Date :	20/05/2008
Comment :	Est Rev:A New Issue 06-06-20 JLM Est Rev:B Now SS as per Rev B 06-12-15 JLM Est Rev:C Rev C dwg 07-12-06 DD		

Qty: 10 Um: Each

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
----------------	------------------------------	----------------------

1.0	M304S16GA	304/316 .063 Sheet
-----	-----------	--------------------



3.3



Comment: Qty.: 0.2741 sf(s)/Unit Total: 2.7405 sf(s)
 304 SS .063" THK (16 GA)
 (M304S16GA)
 Batch: 10772 IB 8-5-6

2.0	WATER JET	FLOW WATER JET
-----	-----------	----------------



Comment: FLOW WATER JET
 1-Cut as per Dwg D3512 IB 8-5-6
 Dwg Rev: C
 Prog Rev: C
 2-Deburr if necessary IB 8-5-6

(12)

3.0	QC2	INSPECT PARTS AS THEY COME OFF MACHINE
-----	-----	--



IB 8-5-6



Comment: INSPECT PARTS AS THEY COME OFF MACHINE

4.0	QC8	SECOND CHECK
-----	-----	--------------



Comment: SECOND CHECK

508/05/06 (12)

5.0	BRAKE NC	NC BRAKE
-----	----------	----------



Comment: NC BRAKE
 Deburr if necessary
 Form as per dwg D3512 using DT8179

5B 08/05/14

(12)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Friday, 02/05/2008 2:56:42 PM
User: Julie Lecocq

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPLATE

Job Number: 39020

Part Number: D35121

Job Number:



Seq. #:

Machine Or Operation:

Description :

6.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

08/07/14 (412)

7.0

LARGE FAB 1

LARGE FABRICATION RESOURCE 1



Comment: LARGE FABRICATION RESOURCE 1

Weld hard surface using DT8874 as per Dwg D3512 & QSI 004

Qty Description Batch

A/R 2059b Hardcoat Rod M105959

08-06-06 SP

(12x)

8.0

QC10

VISUAL INSPECTION OF GROUND WELDS



Comment: VISUAL INSPECTION OF GROUND WELDS

08/06/06 (12)

9.0

QC5

INSPECT WORK TO CURRENT STEP



Comment: INSPECT WORK TO CURRENT STEP

08/06/06 (12)

10.0

POWDER COATING

POWDER COATING



M105642



(12x)

Comment: POWDER COATING

Powder Coat Grey Sandtex (Ref: 4.3.5.6) as per QSI 005 4.3

START TIME:

10:00 am

OVEN TEMPERATURE:

320 °F

FINISH TIME:

12:30 am

M. 08/06/09

11.0

QC3

INSPECT POWDER COAT/CHEMICAL CONVERSION



Comment: INSPECT POWDER COAT

FD 08/06/09 (12)

12.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:

ST 497

JS 08/06/09 (12)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Friday, 02/05/2008 2:56:42 PM
User: Julie Lecocq

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: WEARPLATE

Job Number: 39020

Part Number: D35121

Job Number:



Seq. #:

Machine Or Operation:

Description :

13.0

QC21

FINAL INSPECTION/W/O RELEASE



08/06/00 *[Signature]*

Comment: FINAL INSPECTION/W/O RELEASE

Job Completion



Le 08-06-10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD		Work Order:	39020
Description: Wearplate		Part Number:	D3512-1
Inspection Dwg: D3512 Rev: C		Page 1 of 1	

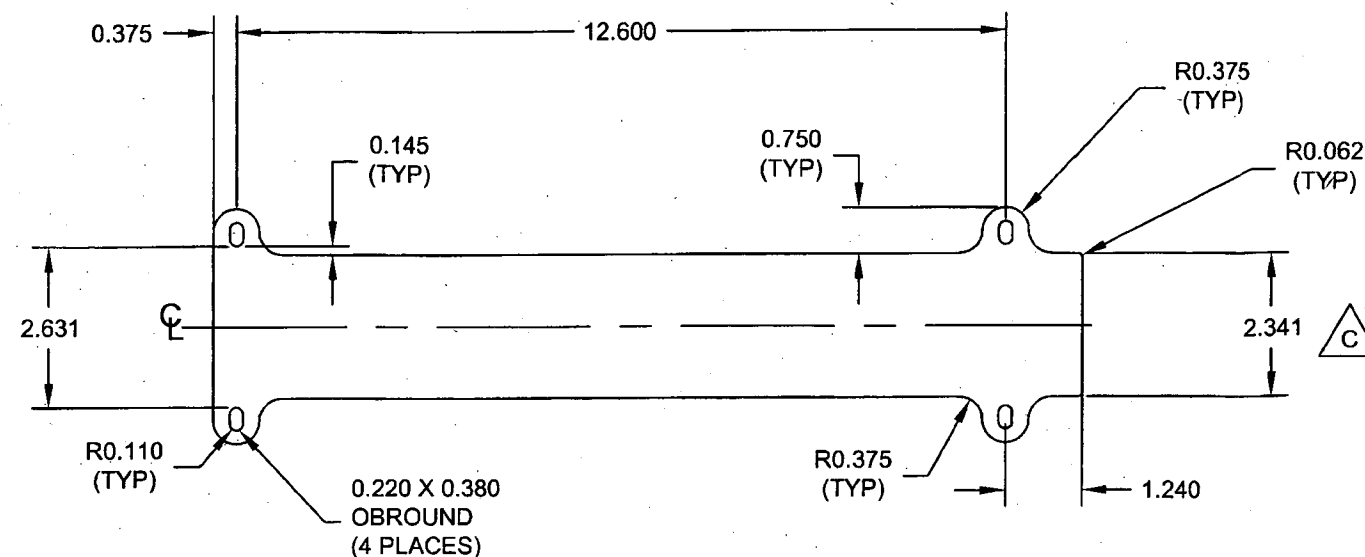
FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

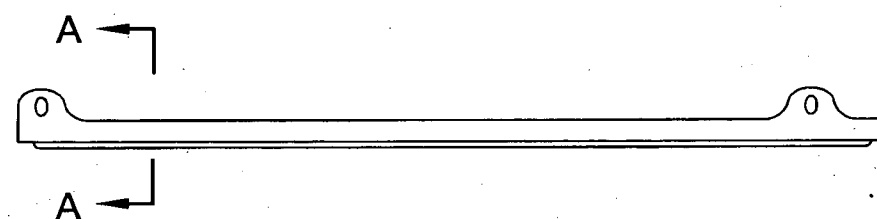
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
0.375	+/-0.010	.375	X			
12.600	+/-0.010	12.600	X			
0.145	+/-0.010	.145	X			
0.750	+/-0.010	.752	X			
2.631	+/-0.010	2.630	X			
2.341	+/-0.010	2.343	X			
1.240	+/-0.010	1.242	X			
0.220	+/-0.010	.220	X			
0.380	+/-0.010	.381	X			
0.063	+/-0.010	.060	X			

Measured by:	RB	Audited by:	J	Prototype Approval:	N/A
Date:	8-5-16	Date:	08/05/16	Date:	N/A

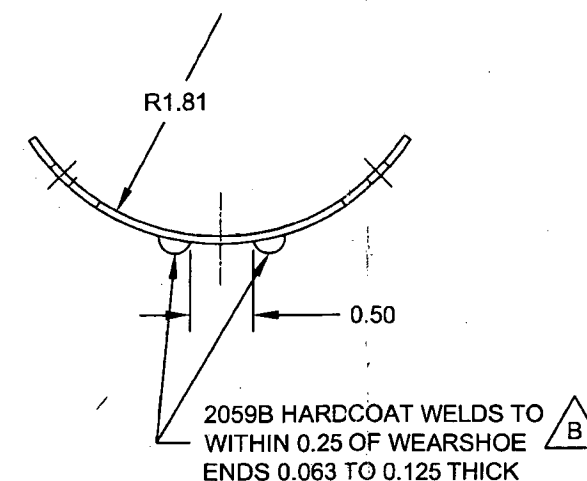
Rev	Date	Change	Revised by	Approved
A	07.04.02	New Issue	KJ/JLM	
B	08.01.16	Dimensions updated per Dwg Rev C	KJ/EC/DD	



D3512-1F FLAT PATTERN



D3512-1 BENDING DETAIL



SECTION A-A
SCALE 2:3

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 39020

RELEASED
07.11.16



NOTES:

- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 16 GAUGE (0.063 THICK)
(REF. DART MATERIAL SPEC M304S16GA)
- 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.015
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 1.31 lbs

C	ENLARGE OBOUND FOR EASIER ASSEMBLY UPDATE DRAWING FORMAT ADD WEIGHT	PH	07.10.05
B	CHANGE MATERIAL TO STAINLESS STEEL	PH	06.10.27
A	NEW ISSUE	PH	06.04.21
REV.	DESCRIPTION	BY	DATE
DESIGN	PH	DART AEROSPACE USA, INC PORT HADLOCK, WA	
DRAWN	PH		
CHECKED	PH	DRAWING NO.	REV. C
MFG. APPR.	PH	D3512	SHEET 1 OF 1
APPROVED	PH	TITLE	SCALE
DE APPR.	PH	WEARPLATE	1:3
DATE	07.10.05	COPYRIGHT © 2007 BY DART AEROSPACE USA, INC THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

